Minimally-Required Fields in CERS2 for UST UPCF Forms

Prepared by Cal/EPA Technology Services Unit February/March 2011

Overview

"Minimally-required" fields are being implemented in CERS2 to ensure businesses provide a minimal level of data in their submittals to regulators. These fields will represent the absolute minimum amount of data that **any regulator statewide** would require a business to report on a UPCF. A business will **NEVER** be able to submit a UPCF in CERS until **at least** these minimally-required fields are provided. A regulator may reject a submittal if other important, but not minimally-required, form fields are incomplete.

The set of minimally-required fields identified in this document reflect input from SWRCB UST and Cal/EPA Unified Program staff. Prior to the March 15th meeting of the CERS Regulator User Group, members should review the proposed minimally-required UST fields in this document, identify any fields that should be added or removed as minimally require fields, and be prepared to adopt a final list of fields that will be implemented in the initial version of CERS2. Additional fields could be added/removed from future versions of CERS2 as necessary. During the review, please ensure that **any minimally-required field can ALWAYS be provided by any UST facility owner/operator statewide**.

UST UPCFs Addressed in this Document

Recommended minimally-required fields have been identified for the following UST UPCFs forms:

1) UST Operating Permit Application – Facility Information
2) UST Operating Permit Application – Tank Information
3) UST Monitoring Plan
4) UST Certification of Installation / Modification

The remainder of this document shows a copy of each of these forms with fields highlighted using the following legend:

Field Background	Meaning
Clear	Form field is **not minimally-required**. User can submit this form to their UPA with this field blank, although UPA may consider the field required and reject the submittal.
Orange	Form field is part of the set of **minimally-required** fields. User can not submit the program element until all fields are completed.
Strike-out	Form field **cannot be entered** by the user. This data can be derived from other UPCFs or other areas in CERS2.

Minimally-Required Fields for <u>UST Operating Permit Application – Facility Information</u> = 400, 403, 405, 407, 408, 409, 410, 411, 412, 428-1, 428-2, 428-3, 428-4, 428-5, 428-6, 414, 415, 416, 417, 418, 419, 420, 421, 423

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK

OPERATING PERMIT APPLICATION – FACILITY INFORMATION

(One form per facility)

TYPE OF ACTION (Check one item only) 400.
☐ 1. NEW PERMIT ☐ 5. CHANGE OF INFORMATION ☐ 7. PERMANENT FACILITY CLOSURE
☐ 3. RENEWAL PERMIT ☐ 6. TEMPORARY FACILITY CLOSURE ☐ 9. TRANSFER PERMIT

I. FACILITY INFORMATION

TOTAL NUMBER OF USTs AT FACILITY 404.	FACILITY ID # (Agency Use Only) 1.
	00 – DEM – 174978

BUSINESS NAME (Same as Facility Name or DBA – Doing Business As) 3.
Demo Test Facility

BUSINESS SITE ADDRESS 103.	CITY 104.
1200 1/2 N Richards Cir 203	Palo Alto

FACILITY TYPE 403.
☐ 1. MOTOR VEHICLE FUELING ☐ 2. FUEL DISTRIBUTION
☐ 3. FARM ☐ 4. PROCESSOR ☐ 6. OTHER

Is the facility located on Indian Reservation or Trust lands? 405.
☐ 1. Yes ☒ 2. No

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407.	PHONE 408.
NCL Industries, Inc.	(916) 752-1570

MAILING ADDRESS 409.
958 J St

CITY 410.	STATE 411.	ZIP CODE 412.
Sacramento	CA	95815

III. TANK OPERATOR INFORMATION

TANK OPERATOR NAME 428-1.	PHONE 428-2.

MAILING ADDRESS 428-3.

CITY 428-4.	STATE 428-5.	ZIP CODE 428-6.

IV. TANK OWNER INFORMATION

TANK OWNER NAME 414.	PHONE 415.
John Harris	(916) 285-8250

MAILING ADDRESS 416.
9527 Freeborn Blvd

CITY 417.	STATE 418.	ZIP CODE 419.
Sacramento	CA	95814

OWNER TYPE: 420.
☐ 4. LOCAL AGENCY/DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY
☐ 7. FEDERAL AGENCY ☐ 8. NON-GOVERNMENT

V. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- 4 6 5 8 4 1 — Call the State Board of Equalization, Fuel Tax Division, if there are questions. 421.

VI. PERMIT HOLDER INFORMATION

Issue permit and send legal notifications and mailings to: 423.
☐ 1. FACILITY OWNER ☐ 4. TANK OPERATOR
☐ 3. TANK OWNER ☐ 5. FACILITY OPERATOR

SUPERVISOR OF DIVISION, SECTION, OR OFFICE (Required for Public Agencies Only) 406.

VII. APPLICANT SIGNATURE

CERTIFICATION: I certify that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE	DATE 424.	PHONE 425.

APPLICANT NAME (print) 426.	APPLICANT TITLE 427.

Minimally-Required Fields for <u>UST Operating Permit Application – Tank Information</u> = 430, 432, 434, 436, 437, 439, 440, 443, 444, 445, 460, 458, 469a

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
OPERATING PERMIT APPLICATION – TANK INFORMATION (One form per UST)

TYPE OF ACTION *(Check one item only. For a UST closure or removal, complete only this section and Sections I, II, III, IV, and IX below)* 430.
☐ 1. NEW PERMIT ☐ 3. RENEWAL PERMIT ☒ 5. CHANGE OF INFORMATION
☐ 6. TEMPORARY UST CLOSURE ☐ 7. UST PERMANENT CLOSURE ON SITE ☐ 8. UST REMOVAL

DATE UST PERMANENTLY CLOSED: 430a. | DATE EXISTING UST DISCOVERED: 430b.

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*: 0 0 — D E M — 1 7 4 9 7 8 1.
BUSINESS NAME *(Same as Facility Name or DBA – Doing Business As)*: Demo Test Facility 3.
BUSINESS SITE ADDRESS: 1200 1/2 N Richards Cir 203 103. | CITY: Palo Alto 104.

II. TANK DESCRIPTION

TANK ID # 432.	TANK MANUFACTURER 433.	TANK CONFIGURATION: THIS TANK IS 434.
001		☐ 1. A STAND-ALONE TANK ☐ 2. ONE IN A COMPARTMENTED UNIT (Complete one page for each compartment in the unit.)
DATE UST SYSTEM INSTALLED 435.	TANK CAPACITY IN GALLONS 436.	NUMBER OF COMPARTMENTS IN THE UNIT 437.

III. TANK USE AND CONTENTS

TANK USE 439.
☐ 1a. MOTOR VEHICLE FUELING ☐ 1b. MARINA FUELING ☐ 1c. AVIATION FUELING
☐ 3. CHEMICAL PRODUCT STORAGE ☐ 4. HAZARDOUS WASTE (Includes Used Oil) ☐ 5. EMERGENCY GENERATOR FUEL [HSC §25281.5(c)]
☐ 6. OTHER GENERATOR FUEL ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 439a.

CONTENTS 440.
PETROLEUM: ☐ 1a. REGULAR UNLEADED ☐ 1c. MIDGRADE UNLEADED ☐ 1b. PREMIUM UNLEADED
☐ 3. DIESEL ☐ 5. JET FUEL ☐ 6. AVIATION GAS
☐ 8. PETROLEUM BLEND FUEL ☐ 9. OTHER PETROLEUM (Specify): 440a.
NON-PETROLEUM: ☐ 7. USED OIL ☐ 10. ETHANOL
☐ 11. OTHER NON-PETROLEUM (Specify): 440b.

IV. TANK CONSTRUCTION

TYPE OF TANK ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 95. UNKNOWN 443.
PRIMARY CONTAINMENT ☐ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. INTERNAL BLADDER 444.
☐ 7. STEEL + INTERNAL LINING ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 444a.
SECONDARY CONTAINMENT ☐ 1. STEEL ☐ 3. FIBERGLASS ☐ 6. EXTERIOR MEMBRANE LINER ☐ 7. JACKETED 445.
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 445a.
OVERFILL PREVENTION ☐ 1. AUDIBLE & VISUAL ALARMS ☐ 2. BALL FLOAT ☐ 3. FILL TUBE SHUT-OFF VALVE 452.
☐ 4. TANK MEETS REQUIREMENTS FOR EXEMPTION FROM OVERFILL PREVENTION EQUIPMENT

V. PRODUCT / WASTE PIPING CONSTRUCTION

PIPING CONSTRUCTION ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 99. OTHER 460.
SYSTEM TYPE ☐ 1. PRESSURE ☐ 2. GRAVITY ☐ 3. CONVENTIONAL SUCTION ☐ 4. SAFE SUCTION [23 CCR §2636(a)(3)] 458.
PRIMARY CONTAINMENT ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC 464.
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464a.
SECONDARY CONTAINMENT ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 8. FLEXIBLE ☐ 10. RIGID PLASTIC 464b.
☐ 90. NONE ☐ 95. UNKNOWN ☐ 99. OTHER (Specify): 464c.
PIPING/TURBINE CONTAINMENT SUMP TYPE ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 90. NONE 464d.

VI. VENT, VAPOR RECOVERY (VR) AND RISER / FILL PIPE PIPING CONSTRUCTION

VENT PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464e. 464e1.
VENT SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464f. 464f1.
VR PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464g. 464g1.
VR SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464h. 464h1.
VENT PIPING TRANSITION SUMP TYPE		☐ 1. SINGLE WALL	☐ 2. DOUBLE WALL	☐ 90. NONE		464i.
RISER PRIMARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464j. 464j1.
RISER SECONDARY CONTAINMENT	☐ 1. STEEL	☐ 4. FIBERGLASS	☐ 10. RIGID PLASTIC	☐ 90. NONE	☐ 99. OTHER (Specify):	464k. 464k1.
FILL COMPONENTS INSTALLED	☐ 1. SPILL BUCKET	☐ 3. STRIKER PLATE/BOTTOM PROTECTOR	☐ 4. CONTAINMENT SUMP			451a-c.

VII. UNDER DISPENSER CONTAINMENT (UDC)

CONSTRUCTION TYPE ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL ☐ 3. NO DISPENSERS ☐ 90. NONE 469a.
CONSTRUCTION MATERIAL ☐ 1. STEEL ☐ 4. FIBERGLASS ☐ 10. RIGID PLASTIC ☐ 99. OTHER (Specify) 469b. 469c.

VIII. CORROSION PROTECTION

STEEL COMPONENT PROTECTION ☐ 2. SACRIFICIAL ANODE(S) ☐ 4. IMPRESSED CURRENT ☐ 6. ISOLATION 448.

IX. APPLICANT SIGNATURE

CERTIFICATION: I certify that this UST system is compatible with the hazardous substance stored and that the information provided herein is true, accurate, and in full compliance with legal requirements.

APPLICANT SIGNATURE | DATE 470.
APPLICANT NAME (print) 471. | APPLICANT TITLE 472.

Minimally-Required Fields for <u>UST Monitoring Plan</u> = 490-3a, 490-4, a 'Y' to least one of the following – (490-5, 490-11, 490-20, 490-21, 490-23, 490-26), a 'Y' to at least one of the following – (490-28, 490-36, 490-39, 490-45, 490-48, 490-50, 490-51, 490-52), 490-54a, 490-72, 490-73

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 1 of 2)

TYPE OF ACTION ☐ 1. NEW PLAN ☐ 2. CHANGE OF INFORMATION 490-1.

PLAN TYPE (Check one item only) ☐ 1. MONITORING IS IDENTICAL FOR ALL USTs AT THIS FACILITY. 490-2.
☒ 2. THIS PLAN COVERS ONLY THE FOLLOWING UST SYSTEM(S): 001, 002

I. FACILITY INFORMATION

FACILITY ID # (Agency Use Only) 0 0 – D E M – 1 7 4 9 7 8 1.

BUSINESS NAME (Same as Facility Name or DBA) 3.
Demo Test Facility

BUSINESS SITE ADDRESS 103. 1200 1/2 N Richards Cir 203

CITY 104. Palo Alto

II. EQUIPMENT TESTING AND PREVENTIVE MAINTENANCE

Testing, preventive maintenance, and calibration of monitoring equipment (e.g., sensors, probes, line leak detectors, etc.) must be performed at the frequency specified by the equipment manufacturers' instructions, or annually, whichever is more frequent. Such work must be performed by qualified personnel. [23 CCR §2632, 2634, 2638, 2641]

MONITORING EQUIPMENT IS SERVICED ☐ 1. ANNUALLY ☐ 99. OTHER (Specify): 490-3a. 490-3b.

III. MONITORING LOCATIONS

☐ 1. NEW SITE PLOT PLAN/MAP SUBMITTED WITH THIS PLAN ☐ 2. SITE PLOT PLAN/MAP PREVIOUSLY SUBMITTED [23 CCR §2632, 2634] 490-4.

IV. TANK MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☐ 1. CONTINUOUS ELECTRONIC TANK MONITORING OF ANNULAR (INTERSTITIAL) SPACE(S) OR SECONDARY CONTAINMENT VAULT(S) WITH AUDIBLE AND VISUAL ALARMS. [23 CCR §2632, 2634] 490-5.
SECONDARY CONTAINMENT IS: ☐ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-6.
PANEL MANUFACTURER: 490-7. MODEL #: 490-8.
LEAK SENSOR MANUFACTURER: 490-9. MODEL #(S): 490-10.

☒ 2. AUTOMATIC TANK GAUGING (ATG) SYSTEM USED TO MONITOR <u>SINGLE WALL TANK(S)</u>. [23 CCR §2643] 490-11.
PANEL MANUFACTURER: 490-12. MODEL #: 490-13.
IN-TANK PROBE MANUFACTURER: 490-14. MODEL #(S): 490-15.
LEAK TEST FREQUENCY: 490-16.
☐ d. MONTHLY ☐ e. OTHER (Specify): 490-17.
PROGRAMMED TESTS: ☐ a. 0.1 g.p.h. ☐ b. 0.2 g.p.h. ☐ c. OTHER (Specify): 490-18. 490-19.

Require at least one method of Monitoring

☐ 3. MONTHLY STATISTICAL INVENTORY RECONCILIATION [23 CCR §2646.1] 490-20.

☐ 4. WEEKLY MANUAL TANK GAUGING (MTG) [23 CCR §2645] TESTING PERIOD: ☐ a. 36 HOURS ☐ b. 60 HOURS 490-21. 490-22.

☐ 5. TANK INTEGRITY TESTING PER [23 CCR §2643.1] 490-23.
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. BIENNIALLY ☐ c. OTHER (Specify): 490-24. 490-25.

☐ 99. OTHER (Specify): 490-26. 490-27.

V. PIPE MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S) (Check all that apply)

☒ 1. CONTINUOUS MONITORING OF PIPE/PIPING SUMP(S) AND OTHER SECONDARY CONTAINMENT WITH AUDIBLE & VISUAL ALARMS. [23 CCR §2636] 490-28.
SECONDARY CONTAINMENT IS: ☐ a. DRY ☐ b. LIQUID FILLED ☐ c. PRESSURIZED ☐ d. UNDER VACUUM 490-29.
PANEL MANUFACTURER: 490-30. MODEL #: 490-31.
LEAK SENSOR MANUFACTURER: 490-32. MODEL #(S): 490-33.
PIPING LEAK ALARM TRIGGERS AUTOMATIC PUMP (i.e., TURBINE) SHUTDOWN. ☒ a. YES ☐ b. NO 490-34.
FAILURE/DISCONNECTION OF THE MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☒ a. YES ☐ b. NO 490-35.

☒ 2. MECHANICAL LINE LEAK DETECTOR (MLLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS AND RESTRICTS OR SHUTS OFF PRODUCT FLOW WHEN A LEAK IS DETECTED. [23 CCR§2636] 490-36.
MLLD MANUFACTURER(S): 490-37. MODEL #(S): 490-38.

☐ 3. ELECTRONIC LINE LEAK DETECTOR (ELLD) THAT ROUTINELY PERFORMS 3.0 g.p.h. LEAK TESTS. [23 CCR§2636] 490-39.
ELLD MANUFACTURER(S): 490-40. MODEL #(S): 490-41.
PROGRAMMED IN LINE LEAK TEST: ☐ a. MINIMUM MONTHLY 0.2 g.p.h. ☐ b. MINIMUM ANNUAL 0.1 g.p.h. 490-42.
ELLD DETECTION OF A PIPING LEAK TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-43.
ELLD FAILURE/DISCONNECTION TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☐ a. YES ☐ b. NO 490-44.

Require at least one method of Monitoring

☒ 4. PIPE INTEGRITY TESTING. 490-45.
TEST FREQUENCY: ☐ a. ANNUALLY ☐ b. EVERY 3 YEARS ☒ c. OTHER (Specify) 490-46. 490-47.

☐ 5. VISUAL PIPE MONITORING. 490-48.
FREQUENCY: ☐ a. DAILY ☐ b. WEEKLY ☐ c. MIN. MONTHLY & EACH TIME SYSTEM OPERATED* 490-49.
* Allowed for monitoring of unburied emergency generator fuel piping only per HSC §25281.5(b)(3)

☐ 6. SUCTION PIPING MEETS EXEMPTION CRITERIA. [23 CCR §2636(a)(3)] 490-50.

☐ 7. NO REGULATED PIPING PER HEALTH AND SAFETY CODE, DIVISION 20, CHAPTER 6.7 IS CONNECTED TO THE TANK SYSTEM. 490-51.

☐ 99. OTHER (Specify) 490-52. 490-53.

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK
MONITORING PLAN – (Page 2 of 2)

VI. UNDER DISPENSER CONTAINMENT (UDC) MONITORING

(Check all that apply)

UDC MONITORING IS PERFORMED USING THE FOLLOWING METHOD(S)

☒ 1. CONTINUOUS ELECTRONIC MONITORING ☐ 2. FLOAT AND CHAIN ASSEMBLY ☒ 3. ELECTRONIC STAND-ALONE 490-54a.

☐ 4. NO DISPENSERS ☐ 99. OTHER (Specify) 490-54b.

LEAK MONITOR MANUFACTURER: 490-55. MODEL #: 490-56.

LEAK SENSOR MANUFACTURER: 490-57. MODEL #(S): 490-58.

DETECTION OF A LEAK INTO THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS. ☒ a. YES ☐ b. NO 490-59.

UDC LEAK ALARM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☒ a. YES ☐ b. NO 490-60.

FAILURE/DISCONNECTION OF UDC MONITORING SYSTEM TRIGGERS AUTOMATIC PUMP SHUTDOWN. ☒ a. YES ☐ b. NO 490-61.

UDC MONITORING STOPS THE FLOW OF PRODUCT AT THE DISPENSER. ☐ a. YES ☐ b. NO 490-62.

UDC CONSTRUCTION IS: ☐ 1. SINGLE WALL ☐ 2. DOUBLE WALL 490-63.

IF DOUBLE WALL: 490-64a.

UDC INTERSTITIAL SPACE IS MONITORED BY: ☐ a. LIQUID ☐ b. PRESSURE ☐ c. VACUUM

A LEAK WITHIN THE SECONDARY CONTAINMENT OF THE UDC TRIGGERS AUDIBLE AND VISUAL ALARMS. ☐ a. YES ☐ b. NO 490-64b.

VII. PERIODIC SYSTEM TESTING

☐ 1. ELD TESTING: THIS FACILITY HAS BEEN NOTIFIED BY THE STATE WATER RESOURCES CONTROL BOARD THAT ENHANCED LEAK DETECTION (ELD) MUST BE PERFORMED. PERIODIC ELD IS PERFORMED EVERY 36 MONTHS AS REQUIRED. [23 CCR §2644.1] 490-65.

☐ 2. SECONDARY CONTAINMENT COMPONENTS ARE TESTED EVERY 36 MONTHS. 490-66.

☐ 3. SPILL BUCKETS ARE TESTED ANNUALLY. 490-67.

VIII. RECORD KEEPING

The following monitoring/maintenance records are kept for this facility: 490-68.

☐ a. ALARM LOGS ☐ b. VISUAL INSPECTION RECORDS ☐ c. TANK INTEGRITY TESTING RESULTS

☐ d. SIR TESTING RESULTS (and supporting documentation records) ☐ e. TANK GAUGING RESULTS (and supporting documentation records)

☐ f. ATG TESTING RESULTS (and supporting documentation records) ☐ g. CORROSION PROTECTION 60-DAY LOGS

☐ h. EQUIPMENT MAINTENANCE AND CALIBRATION RECORDS

IX. TRAINING

☐ Personnel with UST monitoring responsibilities are familiar with all of the following documents relevant to their job duties: 490-69a.

REFERENCE DOCUMENTS MAINTAINED AT FACILITY ☐ *(Check all that apply)*

☐ THIS UNDERGROUND STORAGE TANK MONITORING PLAN **(Required)** 490-69b.

☐ OPERATING MANUALS FOR ELECTRONIC MONITORING EQUIPMENT **(Required)** 490-69c.

☐ CALIFORNIA UNDERGROUND STORAGE TANK REGULATIONS 490-69d.

☐ CALIFORNIA UNDERGROUND STORAGE TANK LAW 490-69e.

☐ STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLICATION: "HANDBOOK FOR TANK OWNERS - MANUAL AND STATISTICAL INVENTORY RECONCILIATION" 490-69f.

☐ SWRCB PUBLICATION: "UNDERSTANDING AUTOMATIC TANK GAUGING SYSTEMS" 490-69g.

☐ OTHER (Specify): 490-69h. 490-69i.

☐ This facility has a "Designated UST Operator" who has passed the California UST System Operator Exam administered by the International Code Council (ICC). The "Designated UST Operator" will train facility employees in the proper operation and maintenance of the UST systems annually, and within 30 days of hire. This training will include, but is not limited to, the following: 490-70.

- Operation of the UST systems in a manner consistent with the facility's best management practices.
- The facility employee's role with regard to the monitoring equipment as specified in this UST Monitoring Plan.
- The facility employee's role with regard to spills and overfills as specified in the facility's UST Response Plan.
- Name(s) of contact person(s) for emergencies and monitoring alarms.

X. COMMENTS/ADDITIONAL INFORMATION

Provide additional comments here or indicate how many pages with additional information on specific monitoring procedures are attached to this plan. 490-71.

XI. PERSONNEL RESPONSIBILITIES

The UST Owner/Operator is responsible for ensuring that: 1.) the daily/routine UST monitoring activities and maintenance of UST leak detection equipment covered by this plan occurs; 2.) all conditions that indicate a possible release are investigated; and 3.) all monitoring records are maintained properly.

THE FOLLOWING PERSON(S) ARE RESPONSIBLE FOR PERFORMING THE MONITORING AND EQUIPMENT MAINTENANCE:

NAME: 490-72. TITLE: 490-73.

NAME: 490-74. TITLE: 490-75.

The Designated UST Operator shall perform a monthly visual inspection of the facility, provide a report to the owner/operator, and inform the owner/operator of any conditions that need follow-up action.

XII. OWNER/OPERATOR SIGNATURE

CERTIFICATION: I certify that the information provided herein is true and accurate to the best of my knowledge.

APPLICANT SIGNATURE DATE: 490-77.

REPRESENTING: ☐ 1. Tank Owner/Operator ☐ 2. Facility Owner/Operator ☒ 3. Authorized Representative of Owner 490-76.

APPLICANT NAME (print): 490-78. APPLICANT TITLE: 490-79.

Minimally-Required Fields for UST Certification of Installation / Modification = 483a, 483c, 482a

UNIFIED PROGRAM CONSOLIDATED FORM
UNDERGROUND STORAGE TANK

CERTIFICATION OF INSTALLATION / MODIFICATION

(One form per project)

I. FACILITY INFORMATION

FACILITY ID # *(Agency Use Only)*: 00 – DEM – 174978 (1.)

BUSINESS NAME *(Same as Facility Name or DBA – Doing Business As)* (3.)
Demo Test Facility

BUSINESS SITE ADDRESS (103.): 1200 1/2 N Richards Cir 203

CITY (104.): Palo Alto

II. INSTALLATION / MODIFICATION PROJECT DESCRIPTION

TYPE OF PROJECT *(Check all that apply)* (483a.)
- ☐ 1. TANK INSTALLATION OR REPLACEMENT
- ☐ 2. PIPING INSTALLATION OR REPLACEMENT
- ☐ 3. SUMP INSTALLATION OR REPLACEMENT
- ☐ 4. UNDER DISPENSER CONTAINMENT INSTALLATION OR REPLACEMENT
- ☐ 5. OTHER

WORK AUTHORIZED UNDER PERMIT (Number or Date): (483b.)

DESCRIPTION OF WORK BEING CERTIFIED: (483c.)

III. CONTRACTOR INFORMATION

NAME OF CONTRACTOR WHO PERFORMED INSTALLATION / MODIFICATION (482a.)

CONTRACTOR LICENSE # (482b.)

ICC CERTIFICATION # (482c.)

IV. CERTIFICATION

I certify that the information provided herein is true, accurate, and that the following conditions have been satisfied:

- The installer has met the requirements set forth in 23 CCR §2715, subdivisions (g) and (h).
- The unde rground storage tank, any prim ary piping, and any secondary containm ent was installed accordi ng to applicabl e voluntary consensus standards and any manufacturer's written installation instructions.
- All work listed in the manufacturer's installation checklist has been completed.
- The installation has been inspected and approved by the local agency, or if required by the local agency, inspected and certified by a registered professional engineer having education and experience with underground storage tank system installations.

SIGNATURE OF TANK OWNER OR OWNER'S AGENT

DATE (484.)

PHONE (487.)

CERTIFIER'S NAME (print) (485.)

CERTIFIER'S TITLE: (486.)

NAME OF CERTIFIER'S EMPLOYER (DBA) (488.)

CERTIFIER'S RELATIONSHIP TO TANK OWNER (489.)
- ☐ 1. TANK OWNER
- ☐ 2. TANK OPERATOR
- ☐ 3. CONTRACTOR
- ☐ 4. PROPERTY OWNER
- ☐ 5. OTHER AUTHORIZED AGENT OF TANK OWNER